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No. 662.

United States Department of Agriculture,
DIVISION OF PUBLICATIONS.

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WASHINGTON, D. C., *August 12, 1909.*

CHEAP PROTECTION FROM LIGHTNING.

As from 700 to 800 people are killed, twice as many injured, and an immense amount of property destroyed by lightning every year, Professor Henry, of the Weather Bureau, thinks more attention should be given to protection from lightning. The professor has recently prepared a paper on this subject, and it has been published as Farmers' Bulletin No. 367 of the United States Department of Agriculture. In explaining what lightning is and how to prevent buildings from being struck, he gives an instructive elementary discussion of electricity, conductors and nonconductors, positive and negative electrification, and electricity in thunder storms.

It is the practical part of this paper, however, which will appeal most strongly to the farmers of the country. Professor Henry shows how lightning rods that are "inexpensive yet effective" may be put up by anybody. The following is his list of the necessary materials: Enough galvanized iron telegraph wire to serve for the rod, a pound of galvanized iron staples to hold the wire in place, a few connecting tees, and a pound of aluminum paint. He says: "While iron is not so good a conductor as copper, it is less likely to cause dangerous side flashes, and it also dissipates the energy of the lightning flash more effectively than does the copper."

The methods of putting up the rods is explained and illustrated. This bulletin is for free distribution.

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